Music On-line Resources

Interactive Multimedia Applications for Music in the Internet

Music Technology Workshop

Bedfordview 5.4.2014

Background

To the Cloud

- applications are no longer locally in the computer, services are, instead, in the Internet and we'll access them via browser
- data resources and documents are there, too
- externalized technical support

Background

- miscellany of resources
- provided by scientific societies, commercial companies, multimedia artists, enthusiasts...
- one has to filter resources
- resources are not as sturdy as offline applications
- on the other hand they are simple and explicit, better for pedagogical uses

Background

- ever growing variety of resources
- notation, composing, accompaniment, arranging, audio laboratory...
- support for pluralistic attitude in music education
- tools for several teaching positions and needs

Background

- emphasis on communities
- communities are easily integrated while both tools and products are in the net
- modern music education benefits the means: make together, publish to each other

Pros in the Cloud

- immediate access to the tools, no downloading and installation
- no licences, no updating, no backup copying
- tools work everywhere where is a computer and Internet access
- work similarly on different platforms and operating systems (with some exceptions), cont'd.

Pros in the Cloud

- normally the use is free at the basic level
- integrated support for communities (publishing, delivery, collaboration)
- easy access to (nearly) everyone
- empowerment-as-enablement: tools which would not be possible to use otherwise (virtual instruments, orchestras, musicians); enable processes like working in audio laboratory (cont'd)

Pros in the Cloud

- empowerment-as-enablement: enables one's own output, cultural production like composing, arranging, playing

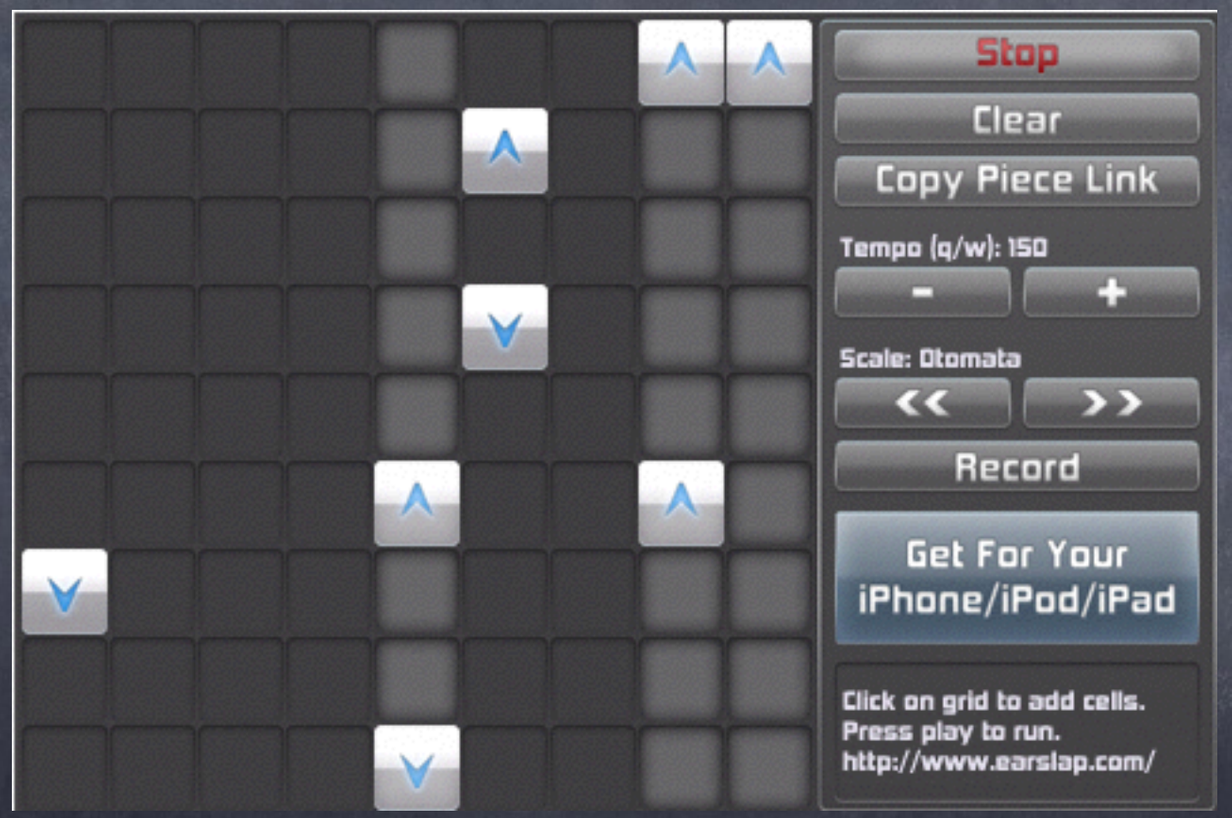
Cons in the Cloud

- need of access to Internet, operations depend on the bandwidth in use
- need of plug-ins
- registrations, sign-ups
- commercial intrigues functions
- may be labile
- no localization

Pulse

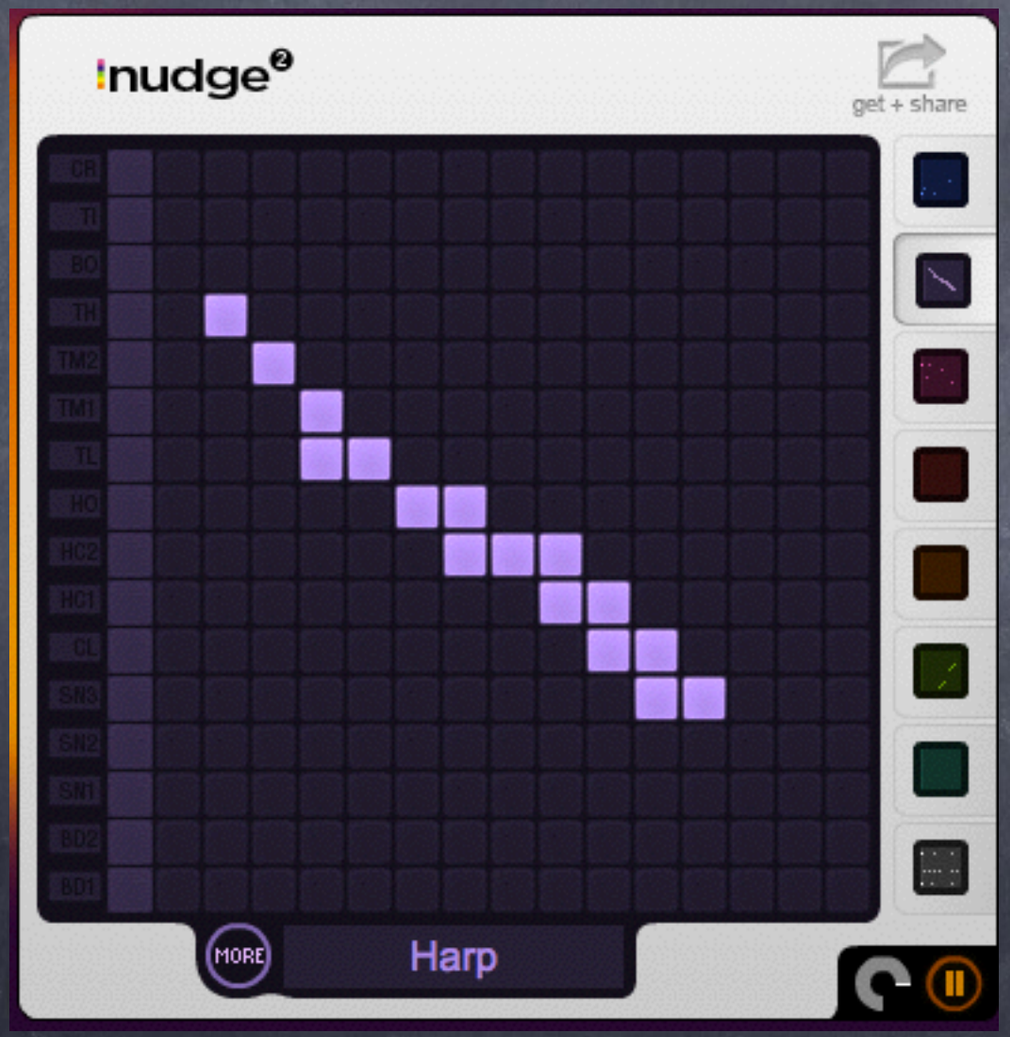
http://www.fivexperience.com/pulse.php

Otomata



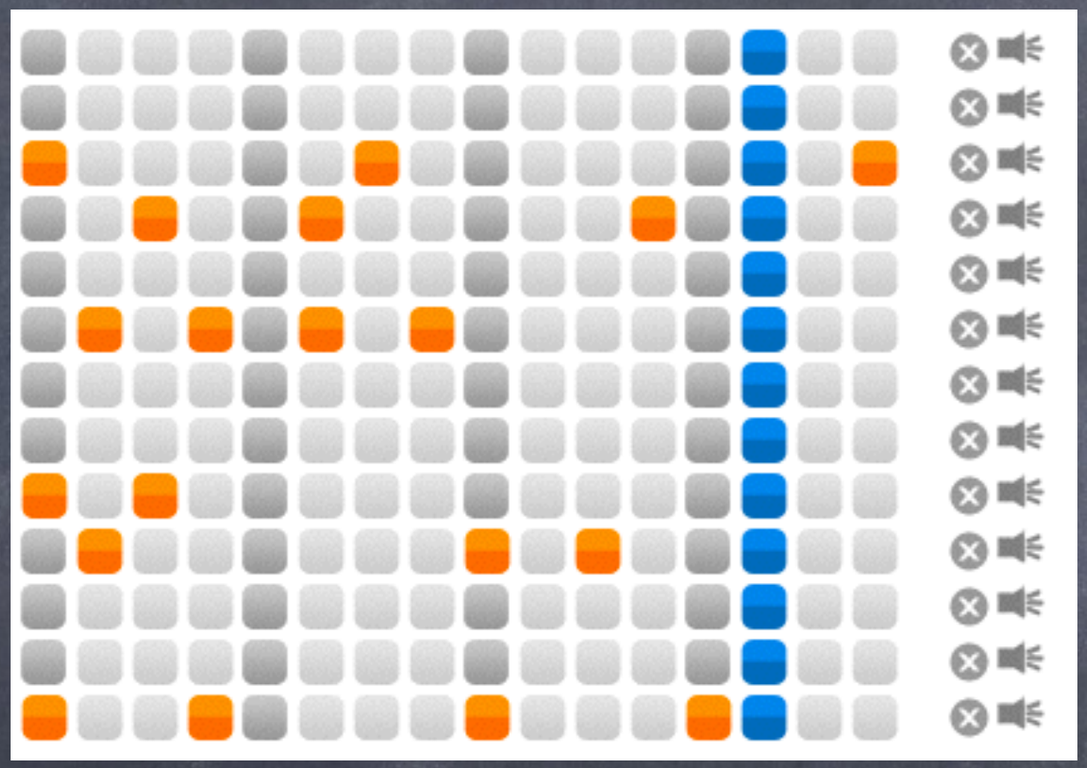
http://www.earslap.com/projectslab/otomata

iNudge



http://www.inudge.net/

Beatlab

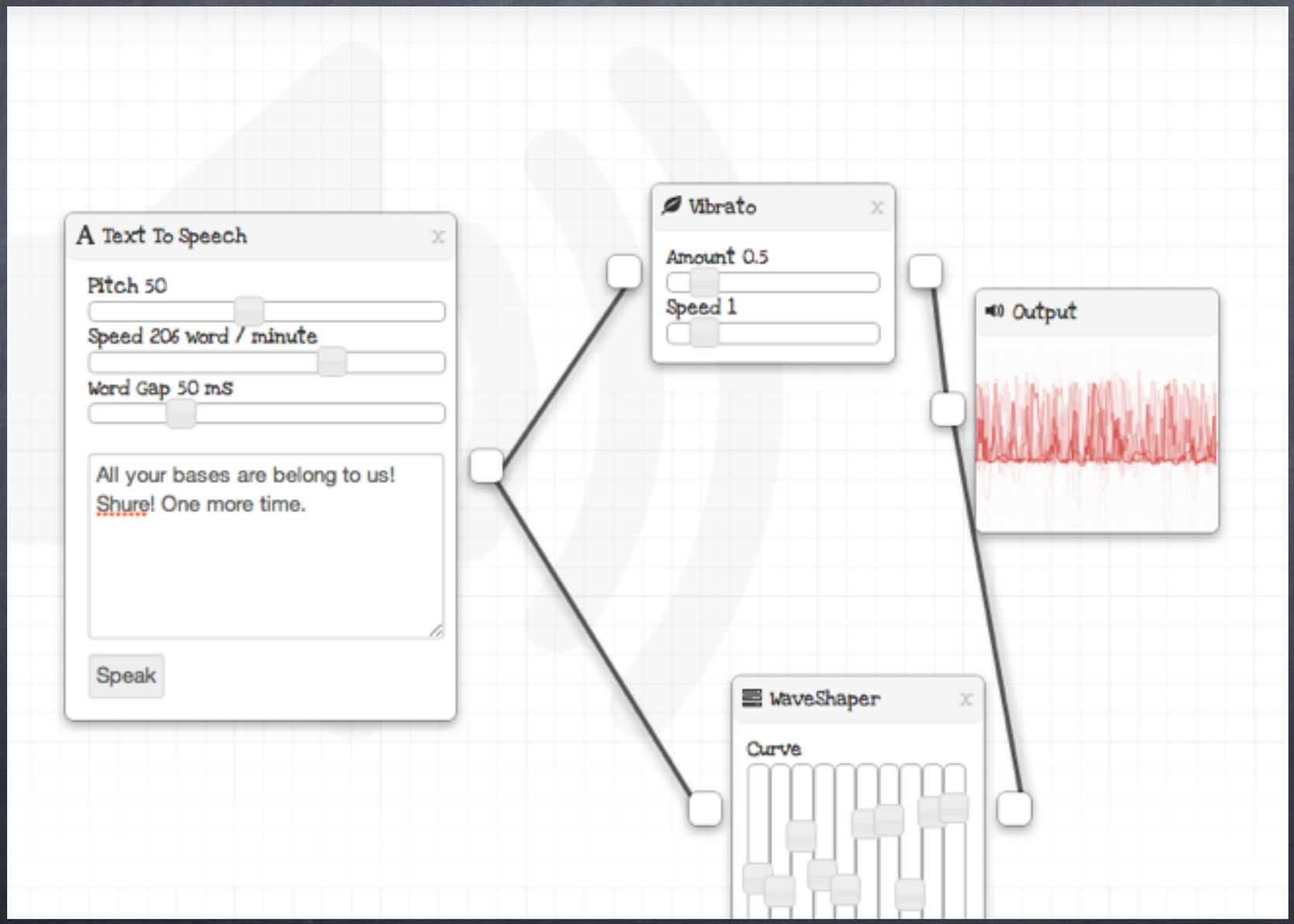


http://www.beatlab.com/

Ambient Mixer

http://www.ambient-mixer.com/

WebAudioToy

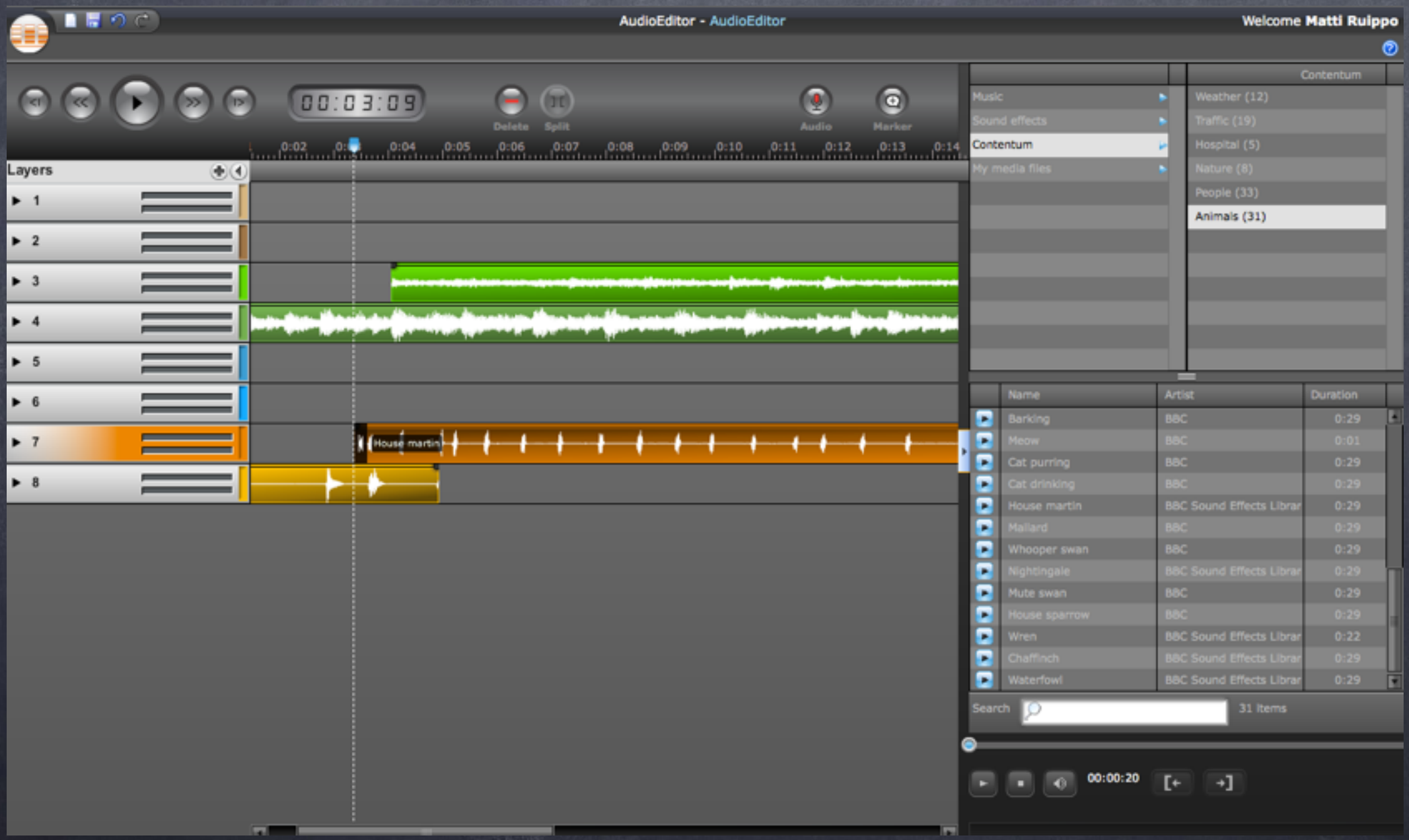


http://uglyhack.appspot.com/webaudiotoy/

PartyCloud

http://www.partycloud.fm/

AudioEditor



http://www.creazaeducation.com/my_tools/audioeditor/audio_editor

Soundation

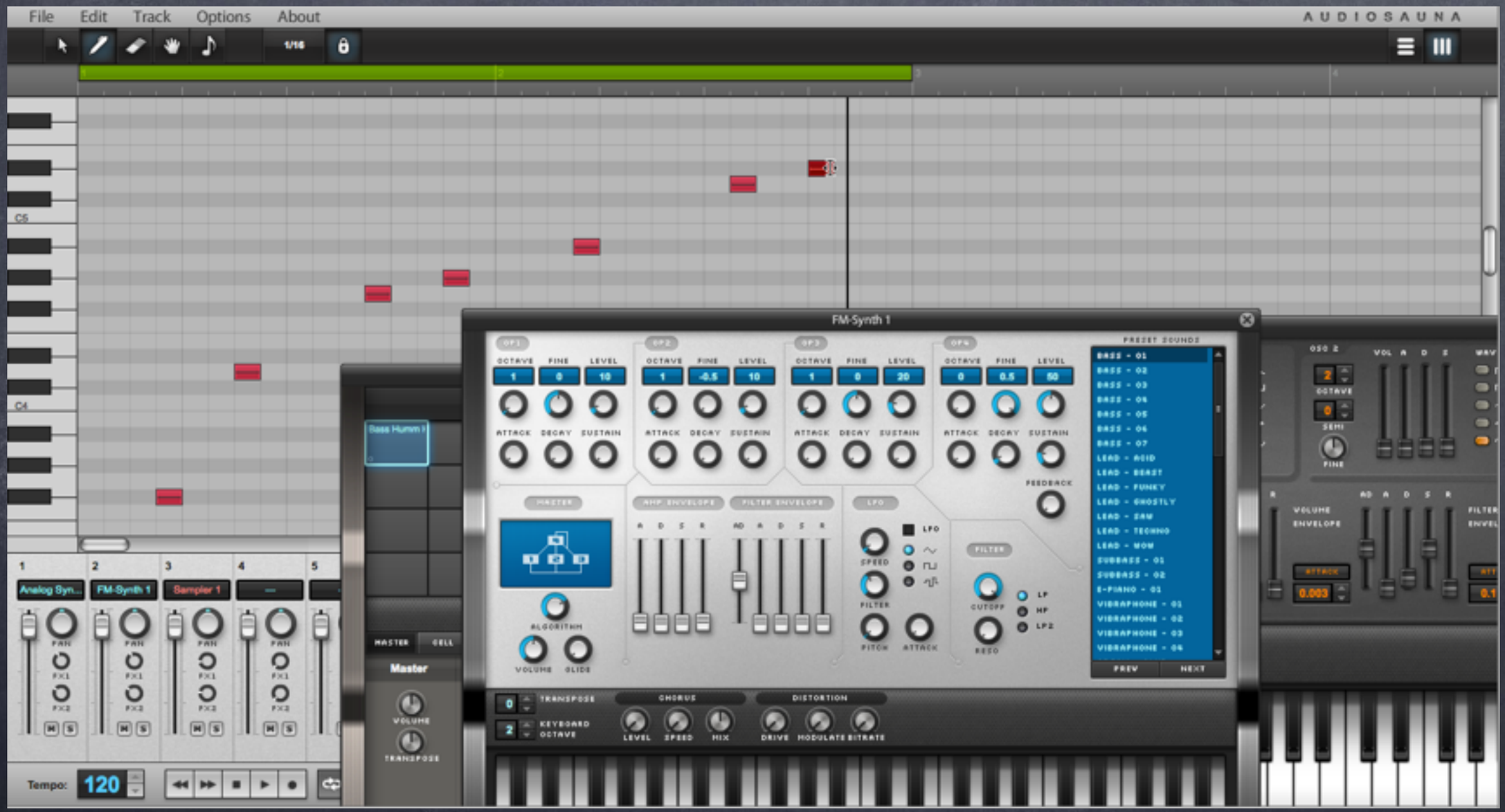
http://soundation.com/studio

Breakout Band

Teksti

http://www.breakoutband.com/song/create/

Audio Sauna



http://www.audiosauna.com

Audiotool

http://www.audiotool.com/